

IN THE CLAIMS

1. (Currently amended) A catheter for magnetic navigation in a human body by interacting with an external magnetic field, said catheter comprising:
an elongated catheter body terminating in a catheter tip;
a magnet disposed at said catheter tip adapted to interact with said external magnetic field to move said catheter to a desired position in a human body;
a plurality of separated, independently controllable electromagnets disposed along said catheter body; and
a current supply connected to said plurality of electromagnets to supply respective synchronously-clocked currents thereto to cause said plurality of electromagnets with current supplied thereto to exhibit respectively different magnetic moments.
2. (Original) A catheter as claimed in claim 1 wherein said magnet at said catheter tip is a permanent magnet.
3. (Original) A catheter as claimed in claim 1 wherein said magnet at said catheter tip is an electromagnet.
4. (Cancelled).